Claims

What is claimed is:

1.   A method for supporting multiple displays per drawing surface, the method
comprises the steps of:

a)   receiving capability parameters regarding a first display of the multiple displays;

b)   substituting selected display capabilities for the capability parameters; and

c)   providing the selected display capabilities to an operating system.

2.   The method of claim 1 further comprises determining the selected display
capabilities based on a composite of the display parameters of each of the multiple
displays.

3.   The method of claim 1 further comprises determining the selected display
capabilities based on capabilities of a video graphics card.

4.   The method of claim 1, wherein step (a) further comprises receiving the capability
parameters in accordance with a system start-up.

5.   The method of claim 4, wherein step (b) further comprises, in order,:

identifying the capability parameters as primary parameters in accordance with a first
portion of the system start-up;

providing the capability parameters to the operating system in accordance with the first
portion of the system start-up; and

identifying the selected display capabilities as the primary parameters in accordance with a second portion of the system start-up.

6.   The method of claim 1, wherein step (a) further comprises receiving the capability parameters in response to a monitor change process.

7.   A multiple display supporting module comprises:

a processing module; and

5   memory operably coupled to the processing module, wherein the memory includes
operational instructions that cause the processing module to (a) receive capability
parameters regarding a first display of the multiple displays; (b) substitute selected
display capabilities for the capability parameters; and (c) provide the selected display
capabilities to an operating system.

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8.   The multiple display supporting module of claim 7, wherein the memory further
comprises operational instructions that cause the processing module to determine the
selected display capabilities based on a composite of the display parameters of each of
the multiple displays.

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9.   The multiple display supporting module of claim 7, wherein the memory further
comprises operational instructions that cause the processing module to determine the
selected display capabilities based on capabilities of a video graphics card.

20   10.   The multiple display supporting module of claim 7, wherein the memory further
comprises operational instructions that cause the processing module to receive the
capability parameters in accordance with a system start-up.

11.   The multiple display supporting module of claim 10, wherein the memory further
25   comprises operational instructions that cause the processing module to, in order,:

identify the capability parameters as primary parameters in accordance with a first
portion of the system start-up;

provide the capability parameters to the operating system in accordance with the first portion of the system start-up; and

identify the selected display capabilities as the primary parameters in accordance with a

5   second portion of the system start-up.

12.   The multiple display supporting module of claim 7, wherein the memory further comprises operational instructions that cause the processing module to receive the capability parameters in response to a monitor change process.

13.   A digital storage medium for storing operational instructions that cause a processing module to support multiple displays associated with a drawing surface, the digital storage medium comprises:

5   first storage means for storing operational instructions that cause the processing module to receive capability parameters regarding a first display of the multiple displays;

second storage means for storing operational instructions that cause the processing module to substitute selected display capabilities for the capability parameters; and

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third storage means for storing operational instructions that cause the processing module to provide the selected display capabilities to an operating system.

14.   The digital storage medium of claim 13 further comprises means for storing
15   operational instructions that cause the processing module to determine the selected display capabilities based on a composite of the display parameters of each of the multiple displays.

15.   The digital storage medium of claim 13 further comprises means for storing
20   operational instructions that cause the processing module to determine the selected display capabilities based on capabilities of a video graphics card.

16.   The digital storage medium of claim 13 further comprises means for storing operational instructions that cause the processing module to receive the capability
25   parameters in accordance with a system start-up.

17.   The digital storage medium of claim 16 further comprises means for storing operational instructions that cause the processing module to, in order,:

identify the capability parameters as primary parameters in accordance with a first portion of the system start-up;

provide the capability parameters to the operating system in accordance with the first
5   portion of the system start-up; and

identify the selected display capabilities as the primary parameters in accordance with a second portion of the system start-up.

10   18.   The digital storage medium of claim 13 further comprises means for storing operational instructions that cause the processing module to receive the capability parameters in response to a monitor change process.

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C1

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E10

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F2